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American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT
VOL. 69 For Week Ended December 9, 1988 NO. 49

SUMMARY*

(In Thousands of 42-gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 12/09/88	Last Week Ending: 12/02/88	Last Year Week Ending: 12/11/87	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	13,343	13,766	12,992	-423	351
Operable capacity	15,922	15,922	15,697	0	225
Percent operated	83.8	86.5	82.8		
Motor Gasoline					
Total motor gasoline production	7,178	7,406	6,706	-228	472
Finished leaded motor gasoline production	1,196	1,121	1,414	75	-218
Finished unleaded motor gasoline production	5,982	6,285	5,292	-303	690
Total motor gasoline stocks	222,726	219,642	224,804	3,084	-2,078
Finished leaded motor gasoline stocks	38,449	38,417	53,436	32	-14,987
Finished unleaded motor gasoline stocks	146,378	143,877	134,112	2,501	12,266
Jet Fuel Kerosine					
Jet fuel kerosine production	1,266	1,180	1,266	86	0
Jet fuel kerosine stocks	38,714	38,458	43,775	256	-5,061
Distillate Fuel Oil					
Distillate fuel oil production	2,925	3,146	3,144	-221	-219
Distillate fuel oil stocks	126,501	128,882	129,377	-2,381	-2,876
Residual Fuel Oil					
Residual fuel oil production	977	1,012	864	-35	113
Residual fuel oil stocks	44,577	42,785	48,432	1,792	-3,855
Imports					
Crude oil imports	6,427	5,335	5,286	1,092	1,141
Product imports	3,009	2,559	2,316	450	693
Crude Oil Stocks					
Crude oil stocks	344,065	338,242	360,713	5,823	-16,648
Crude Supply Balance	-175				

*See definitions on page 6.

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FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT

VOL. 69 For Week Ended December 9, 1988 NO. 49

U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,355	1,146	1,167	1,380	84.6
Appal. No. 1	115	107	110	107	102.8
DISTRICT 1 TOTAL	1,470	1,253	1,277	1,487	85.9
Ind., Ill., Ky.	2,141	1,886	1,892	2,254	83.9
Minn., Wisc., Daks.	293	288	288	312	92.3
Okla., Kans., Mo.	757	672	679	718	94.6
DISTRICT 2 TOTAL	3,191	2,846	2,859	3,284	87.1
Inland Texas	499	421	421	569	74.0
Texas Gulf Coast	3,255	2,922	2,922	3,580	81.6
La. Gulf Coast	2,590	2,371	2,418	2,908	83.1
N. La. and Ark.	193	180	180	252	71.4
New Mexico	72	69	69	76	90.8
DISTRICT 3 TOTAL	6,609	5,963	6,010	7,385	81.4
DISTRICT 4 TOTAL	462	435	436	535	81.5
DISTRICT 5 TOTAL	2,841*	2,715	2,761	3,231	85.5
TOTAL U.S.	14,573	13,212	13,343	15,922	83.8
TOTAL U.S. Weeks Ended:					
DEC. 2, 1988	14,933*	13,625	13,766	15,922	86.5
DEC. 11, 1987	14,253	12,895	12,992	15,697	82.8
DISTRICTS 1-4 Weeks Ended:					
DEC. 09, 1988	11,732	10,497	10,582	12,691	83.4
DEC. 2, 1988	11,992	10,827	10,912	12,691	86.0
DEC. 11, 1987	11,667	10,512	10,609	12,438	85.3

* See Revisions on Page 8.

API WEEKLY STATISTICAL BULLETIN

Week Ended December 9, 1988

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil
East Coast	589	41	548	36	78*	297	137
Appal. No. 1	48	8	40	--	--	39	2
DISTRICT 1 TOTAL	637	49	588	36	78*	336	139
Ind., Ill., Ky.	1,205	138	1,067	10	122	480	54
Minn., Wisc., Daks.	144	28	116	1	16	67	8
Okla., Kans., Mo.	457	122	335	7	46	179	15
DISTRICT 2 TOTAL	1,806	288	1,518	18	184	726	77
Inland Texas	269	67	202	24	32	127	16
Texas Gulf Coast	1,697	174	1,523	17	302	562	229
La. Gulf Coast	1,178	208	970	15	293	511	137
N. La. and Ark.	56	1	55	5	2	59	11
New Mexico	45	14	31	5	1	19	--
DISTRICT 3 TOTAL	3,245	464	2,781	66	630	1,278	393
DISTRICT 4 TOTAL	254	90	164	18	28	111	11
DISTRICT 5 TOTAL	1,236*	305	931*	34	346*	474	357
TOTAL U.S.	7,178	1,196	5,982	172	1,266	2,925	977
TOTAL U.S. Weeks Ended:							
DEC. 2, 1988	7,406*	1,121	6,285*	242	1,180*	3,146	1,012
DEC. 11, 1987	6,706	1,414	5,292	195	1,266	3,144	864
DISTRICTS 1-4 Weeks Ended:							
DEC. 09, 1988	5,942	891	5,051	138	920	2,451	620
DEC. 2, 1988	6,096	847	5,249	176	834*	2,655	608
DEC. 11, 1987	5,588	1,142	4,446	129	951	2,752	502

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2]Includes Grade No. 4 fuel oil.

* See Revisions on Page 8.

API WEEKLY STATISTICAL BULLETIN

Week Ended December 9, 1988

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	3,339	182	3,156	1	101	388	7,338	816	--
Central Atlantic	27,871	3,032	20,070	4,769	681	4,099	30,983	14,921	12,474*
Lower Atlantic	29,921	5,263	24,463	195	373	5,216	16,225	3,255	398
DISTRICT 1 TOTAL	61,131	8,477	47,689	4,965	1,155	9,703	54,546	18,992	12,872*
DISTRICT 2 TOTAL	58,890*	12,325	39,682*	6,883	674	7,527	29,689	2,862	16,515
DISTRICT 3 TOTAL	65,208	9,336	40,186	15,686	2,266	13,511	27,142	13,518	50,960
DISTRICT 4 TOTAL	6,876	1,931	2,989	1,956	448	785	2,593	640	1,882
DISTRICT 5 TOTAL	30,621	6,380	15,832	8,409	1,630	7,188	12,531	8,565	26,421
TOTAL U.S.	222,726	38,449	146,378	37,899	6,173	38,714	126,501	44,577	108,650
TOTAL U.S. Weeks Ended:									
DEC. 2, 1988	219,642*	38,417	143,877*	37,348	6,596	38,458	128,882	42,785	111,742*
DEC. 11, 1987	224,804	53,436	134,112	37,256	6,547	43,775	129,377	48,432	97,479
DISTRICTS 1-4 Weeks Ended:									
DEC. 09, 1988	192,105	32,069	130,546	29,490	4,543	31,526	113,970	36,012	82,229
DEC. 2, 1988	189,798*	32,245	127,887*	29,666	4,720	31,141	116,841	33,922	84,405*
DEC. 11, 1987	196,225	46,221	120,419	29,585	4,910	36,824	118,496	38,736	74,415

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil.

* See Revisions on Page 8.

WEEKLY STATISTICAL BULLETIN
Week Ended December 9, 1988

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS, CRUDE OIL SUPPLY BALANCE AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy July 1988	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
DEC. 09, 1988	4,856.0	4,967.0	6,212	652	261,639
DEC. 2, 1988	4,902.0*	--	5,083*	721	255,447*
NOV. 25, 1988	4,902.0*	--	4,695	629	259,178
NOV. 18, 1988	4,902.0*	--	4,676	654	262,661
DISTRICT 5 TOTAL					
DEC. 09, 1988	3,108.0	3,027.0	215	14	82,426 #
DEC. 2, 1988	3,134.0*	--	252	16	82,795
NOV. 25, 1988	3,134.0*	--	58	15	80,889*
NOV. 18, 1988	3,134.0*	--	295	26	80,846
TOTAL U.S.					
DEC. 09, 1988	7,964.0	7,994.0	6,427	666	344,065 #
DEC. 2, 1988	8,036.0*	--	5,335*	737	338,242*
NOV. 25, 1988	8,036.0*	--	4,753	644	340,067*
NOV. 18, 1988	8,036.0*	--	4,971	680	343,507
DEC. 11, 1987	8,318.0 a/	--	5,286	588	360,713

#INCLUDES 25,663 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

a/ DOE actual for December 1987.

DAILY AVERAGE CRUDE OIL SUPPLY BALANCE[1] (In thousands of 42-gallon barrels)

Week Ended:	Current	1987 Averages Absolute	Positive	Negative
DEC. 09, 1988	-175	468	550	-334

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1-4	District 5	Total U.S.
Weeks Ended:							
DEC. 09, 1988	15,940	70,965	162,977	11,757	261,639	82,426 #	344,065 #
DEC. 2, 1988	14,435*	71,246*	158,057	11,709	255,447*	82,795*	338,242*
DEC. 11, 1987	16,506	73,866	172,209	12,964	275,545	85,168	360,713

[1]See definitional notes, Page 6

* See Revisions on Page 8.

IMPORTS OF PETROLEUM PRODUCTS
(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Gasoline[2] Blending Components	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[3]	Residual Fuel Oil	L.P.G.	Unfinished Oils	Other	Total
New England	81	--	81	99	--	--	195	121	3	--	--	499
Central Atlantic	237	7	230	10	--	42	324	774	74	130	115	1,706
Lower Atlantic	147	7	140	--	--	--	34	138	--	--	10	329
DISTRICT 1 TOTAL												
DEC. 09, 1988	465	14	451	109	--	42	553	1,033	77	130	125	2,534
DEC. 2, 1988	490	5	485	21	--	54	335	621	42	145	75	1,783
NOV. 25, 1988	516	--	516	54	--	47	265	574	49	85	17	1,607
NOV. 18, 1988	696	13	683	96	--	62	390	819	42	156	153	2,414
DISTRICTS 2-4 TOTAL												
DEC. 09, 1988	47	--	47	--	3	7	10	24	164	92	38	385
DEC. 2, 1988	28	--	28	--	3	8	12	26	271	121	225	694
NOV. 25, 1988	15	--	15	4	3	8	10	42	207	236	40	565
NOV. 18, 1988	17	--	17	--	3	14	18	31	307	376	80	846
DISTRICT 5 TOTAL												
DEC. 09, 1988	28	--	28	--	--	11	6	14	31	--	--	90
DEC. 2, 1988	38	--	38	--	--	13	4	14	13	--	--	82
NOV. 25, 1988	35	--	35	--	--	14	7	9	13	1	--	79
NOV. 18, 1988	40	--	40	--	--	25	3	8	12	1	--	89
TOTAL U.S.	540	14	526	109	3	60	569	1,071	272	222	163	3,009
TOTAL U.S. Weeks Ended:												
DEC. 2, 1988	556	5	551	21	3	75	351	661	326	266	300	2,559
NOV. 25, 1988	566	--	566	58	3	69	282	625	269	322	57	2,251
NOV. 18, 1988	753	13	740	96	3	101	411	858	361	533	233	3,349
DEC. 11, 1987	528	82	446	54	--	--	139	448	578	218	351	2,316

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.
[2]Gasoline blending components are not included in total motor gasoline imports.
[3]Includes Grade No. 4 fuel oil.

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the components stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:
New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Crude oil (includes lease condensate) produced outside the 50 states. Material from the Athabasca tar sands is included.
Reported on a Port of Entry basis.
The Total of crude oil imports includes those from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Crude Supply Balance

Crude Supply Balance is the arithmetic difference, expressed in MB/D, between those factors that make up the availability of crude oil (Supply), i.e., estimated domestic crude oil production plus imports plus or minus the change in crude oil stocks, and those factors that convert or consume crude oil (Disposition), i.e., crude oil refinery inputs, exports, product supplied (used directly as fuel) and losses. A negative volume indicates a supply greater than disposition while a positive number indicates insufficient supply to balance.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but included shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorous per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Finance, Accounting and Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE, Petroleum Supply Annual.

ESTIMATED DAILY AVERAGE PRODUCTION OF CRUDE OIL AND LEASE CONDENSATE

(In thousands of 42-gallon barrels)

	API Estimated Production		Dept. of Energy
	NOVEMBER 1988	OCTOBER 1988[r]	JULY 1988
Florida	21.0	22.0	22.0
New York-Pennsylvania	9.0	10.0	10.0
Virginia	0.0	0.0	0.0
West Virginia	7.0	7.0	7.0
Illinois	64.0	65.0	65.0
Indiana	8.0	10.0	8.0
Kansas	156.0	162.0	154.0
Kentucky	14.0	14.0	14.0
Michigan	63.0	64.0	63.0
Missouri-Tennessee	2.0	2.0	2.0
Nebraska	16.0	16.0	16.0
Ohio	27.0	29.0	27.0
Oklahoma	345.0	347.0	340.0
North Dakota	108.0	108.0	108.0
South Dakota	4.0	5.0	4.0
Alabama	57.0	59.0	59.0
Arkansas	36.0	37.0	36.0
Mississippi	73.0	75.0	74.0
New Mexico-So. East	174.0	176.0	172.0
New Mexico-Other	20.0	19.0	18.0
North Louisiana	61.0	61.0	61.0
South Louisiana	1,093.0	1,097.0	1,105.0
Total Louisiana	1,154.0	1,158.0	1,166.0
Texas			
District 1	55.0	55.0	57.0
District 2	66.0	66.0	67.0
District 3	221.0	224.0	242.0
District 4	64.0	63.0	65.0
District 5	35.0	35.0	35.0
District 6, East Texas	108.0	111.0	112.0
Other	87.0	87.0	89.0
District 7-B	84.0	84.0	84.0
District 7-C	87.0	87.0	89.0
District 8 and 8-A	1,070.0	1,075.0	1,089.0
District 9	82.0	82.0	84.0
District 10	41.0	41.0	42.0
Total Texas	2,000.0	2,010.0	2,055.0
Colorado	85.0	86.0	88.0
Montana	62.0	63.0	63.0
Utah	90.0	93.0	89.0
Wyoming	307.0	310.0	308.0
Total Districts 1-4	4,902.0	4,947.0	4,968.0
Alaska	2,069.0	2,011.0	1,960.0
Arizona	0.0	0.0	0.0
California	1,057.0	1,060.0	1,058.0
Nevada	8.0	8.0	9.0
Total District 5	3,134.0	3,079.0	3,027.0
TOTAL U.S.	8,036.0	8,026.0[r]	7,995.0

[r] Revised: Data currently displayed are based on reported volumes from 37 producing companies. These volumes are estimated to represent 56.1% of lower 48 states production. When combined with reported Alaskan data, the sample represents 67.1% of total U.S. production in October.

API STATISTICAL BULLETIN
WEEK ENDED: DEC. 09, 1988

REVISIONS

11/25/88	PAGE 4 T	CRUDE OIL STOCKS	DISTRICT 5 TOTAL	80,889
			TOTAL U.S.	340,067
	PAGE 4 B	TOTAL	PAD DISTRICT 5	80,889
			TOTAL U.S.	340,067
12/02/88	PAGE 1	TOTAL REFINERY INPUT	DISTRICT 5 TOTAL	2,941
			TOTAL U.S.	14,933
	PAGE 2	TOTAL MGAS	DISTRICT 5 TOTAL	1,310
			TOTAL U.S.	7,406
		UNLEADED MGAS	DISTRICT 5 TOTAL	1,036
			TOTAL U.S.	6,285
		KEROSINE JET	EAST COAST	51
			DISTRICT 1 TOTAL	51
			DISTRICT 5 TOTAL	346
			TOTAL U.S.	1,180
			DISTRICTS 1-4	834
	PAGE 3	TOTAL MGAS	DISTRICT 2 TOTAL	59,281
			TOTAL U.S.	219,642
			DISTRICTS 1-4	189,798
		UNLEADED MGAS	DISTRICT 2 TOTAL	39,843
			TOTAL U.S.	143,877
			DISTRICTS 1-4	127,887
		UNFINISHED OILS	CENTRAL ATLANTIC	11,722
			DISTRICT 1 TOTAL	12,105
			TOTAL U.S.	111,742
			DISTRICTS 1-4	84,405
	PAGE 4 T	TOTAL CRUDE OIL IMPORTS	DISTRICTS 1-4 TOTAL	5,083
			TOTAL U.S.	5,335
		CRUDE OIL STOCKS	DISTRICTS 1-4 TOTAL	255,447
			TOTAL U.S.	338,242
	PAGE 4 B	TOTAL	PAD DISTRICT 1	14,435
			PAD DISTRICT 2	71,246
			TOTAL PAD DISTRICTS 1-4	255,447
			TOTAL U.S.	338,242